

Converting Colors

XYZ(76.0763, 75.7410, 73.4173)

Have a look what the booklet for
XYZ(76.0763, 75.7410, 73.4173)
contains.

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Color

**XYZ(76.3148, 75.9470,
73.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DCD5
RGB	248, 220, 213
RGB Percent	97%, 86%, 84%
CMY	0.0274, 0.1372, 0.1647
CMYK	0.00, 0.11, 0.14, 0.03
HSL	12°, 71%, 90%
HSV	12°, 14%, 97%
XYZ	76.3148, 75.9470, 73.5878
YIQ	227.5740, 18.9350, 3.7590

Conversions

Conversions Part 2

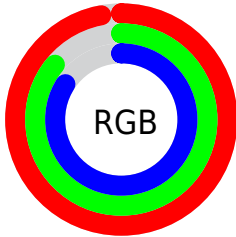
Format	Color
R _Y B	248, 222, 213
Decimal	16309461
CIE Lab	89.83, 8.54, 6.96
CIE LCh	90, 11.015, 39.184
Yxy	75.9470, 0.3379, 0.3363
Android (android.graphics.Color)	4294499541 (0xFFF8DCD5)
YUV	227.5740, -7.1850, 17.9136
Hunter-Lab	87.1476, 3.8035, 10.9386

Details

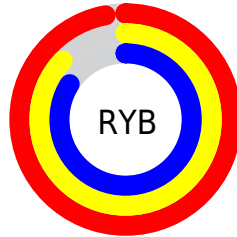
The XYZ color **76.3148, 75.9470, 73.5878** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8386, 83.8320, 100.9915**, and the grayscale version is **73.4745, 77.3009, 84.1807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1125, 40.4553, 37.9895** is the 20% darker color. If you saturate the color by 10%, you get **68.5040, 64.9832, 56.6234**, and if you desaturate by 10%, it is **85.2290, 88.3457, 93.2966**.

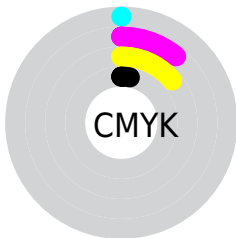
Distribution



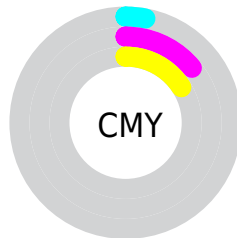
- Red (97%)
- Green (86%)
- Blue (84%)



- Red (97%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3148, 75.9470, 73.5878 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.3148, 75.9470, 73.5878 by changing the saturation by 10% instead.


 76.3148, 75.9470,
73.5878

 76.3148, 75.9470,
73.5878


471.3525,
481.1663, 492.1748

 56.9886, 56.3890,
53.9620


127.1498,
127.6520, 126.0400

 41.2362, 40.5149,
38.1783


159.3893,
160.5678, 159.7034

 28.6922, 27.9403,
25.8182


196.6640,
198.7050, 198.8831

 18.9912, 18.2806,
16.4631

239.3392,
242.4481, 243.9976

 11.7679, 11.1517,
9.6946

287.7803,
292.1813, 295.4655

 6.6569, 6.1689,
5.0940

342.3527,

 3.2929, 2.9481,

348.2892, 353.7053

2.2428

403.4216,
411.1560, 419.1356

■ 1.3105, 1.1047,
0.6989

■ 0.1910, 0.0000,
0.0000

■ 76.3148, 75.9470,
73.5878

■ 76.3148, 75.9470,
73.5878

■ 68.5040, 64.9832,
56.6234

■ 85.2290, 88.3457,
93.2966

■ 61.7471, 55.3924,
42.2766

■ 92.5216, 98.6966,
108.7817

■ 55.9997, 47.1230,
30.4178

■ 51.2123, 40.1164,
20.9044

■ 47.3307, 34.3096,
13.5793

■ 44.2951, 29.6337,
8.2658

■ 42.0381, 26.0128,
4.7598

■ 40.4805, 23.3609,
2.8127

■ 39.8366, 22.2066,
2.1867

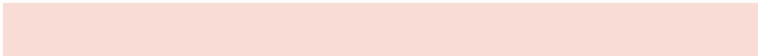
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4714, 75.9470, 80.3260



76.3148, 75.9470, 73.5878



74.0595, 75.9470, 69.4702

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3148, 75.9470, 73.5878



67.4071, 75.9470, 77.4850



73.0232, 75.9470, 98.3755

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.3148, 75.9470, 73.5878



75.8386, 83.8320, 100.9915

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3430, 75.9470, 97.4962



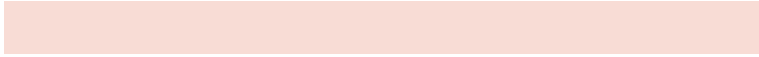
76.3148, 75.9470, 73.5878



67.1454, 75.9470, 85.1068

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3148, 75.9470, 73.5878



68.9317, 75.9470, 71.6202



68.2076, 75.9470, 92.5207



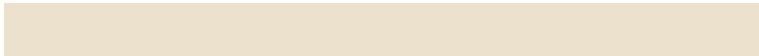
75.5398, 75.9470, 94.8528

Rectangle

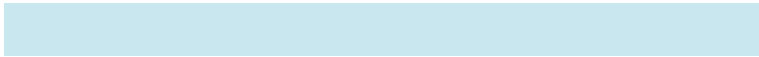
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3148, 75.9470, 73.5878



72.2598, 75.9470, 68.6049



68.2076, 75.9470, 92.5207



72.1109, 75.9470, 98.5895

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.3169, 75.9504, 73.5894



90.9032, 94.2649, 99.6300



78.3836, 73.8968, 93.3520



19.2948, 19.9518, 20.9635



0.0000, 0.0000, 0.0000



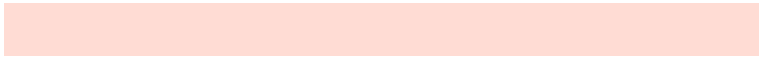
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3169, 75.9504, 73.5894



78.7584, 77.3535, 72.8358



81.1515, 85.6196, 75.2009



17.5259, 17.7876, 17.9720



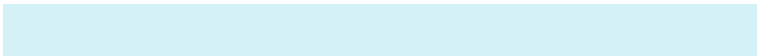
21.5976, 12.1518, 1.2072



2.0713, 1.2675, 0.1355

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.8386, 83.8320, 100.9915



78.1550, 87.2740, 107.3341



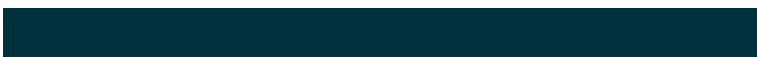
70.9062, 73.9674, 99.3474



17.4534, 18.9837, 22.1296



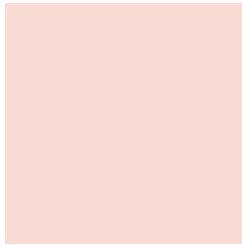
20.2088, 25.7732, 51.8832



1.9440, 2.5317, 4.8294

Previews

White Background



This preview shows how the XYZ color 76.3148, 75.9470, 73.5878 looks on a white background.

Color Contrast Check

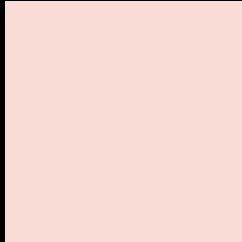
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.3148, 75.9470, 73.5878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

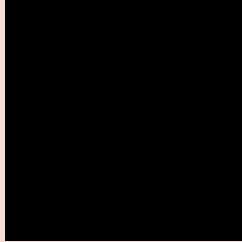
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

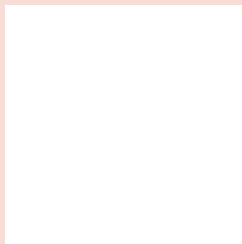
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3148, 75.9470, 73.5878

Background



This preview shows how black text looks on a background with the XYZ color 76.3148, 75.9470, 73.5878.



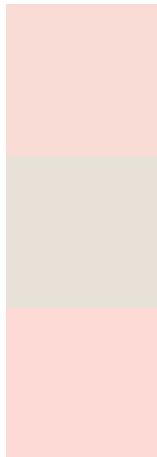
This preview shows how white text looks on a background with the XYZ color 76.3148, 75.9470,

73.5878.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.3148, 75.9470, 73.5878

Protanopia

72.5986, 75.9641, 75.8019

Deuteranopia

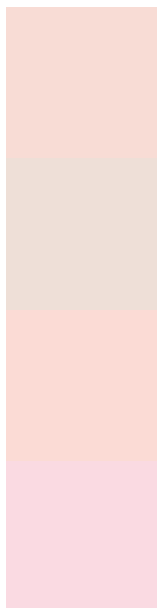
77.5897, 75.8296, 73.4979



Tritanopia

79.4478, 76.0755, 88.3386

Trichromacy



Original Color

76.3148, 75.9470, 73.5878

Protanomaly

73.9133, 75.8588, 75.0365

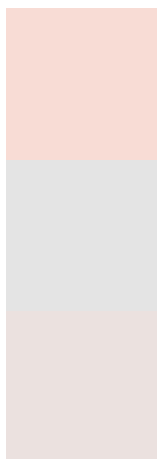
Deuteranomaly

77.1254, 75.9764, 73.5507

Tritanomaly

78.2232, 75.9578, 82.4900

Monochromacy



Original Color

76.3148, 75.9470, 73.5878

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5054, 76.8403, 80.7168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3148, 75.9470, 73.5878 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(248, 220, 213) looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.3148, 75.9470, 73.5878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 220, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 220, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3148, 75.9470, 73.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
220, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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